

Application Serial No. 09/994,521
Attorney's Docket No.: 07326-002002

Amendment to the Claims:

This listing of claims replaces all prior versions, and listings, of claims in the application:

1. (Previously presented) A wireless computer system comprising:
 - a base storage and control system including:
 - a processor, receiving and using an input signal in real-time, the input signal being for use in interacting with an application program being executable at the base storage and control system,
 - a non-volatile memory,
 - a display element producing an output signal based on the input signal and execution of the application program, said output signal being produced in bursts, with delays between the bursts, during which delays, no information is transmitted, and
 - a wireless transceiver that wirelessly communicate the display output signal when produced;
 - at least one portable input-output system for use with the base storage and control system, the portable input-output system including:
 - a wireless transceiver, which wirelessly communicates the input signal to the base storage and control

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system and wirelessly receives the display output signal from the base storage and control system,

a user interface, allowing inputting an information item and generating an input signal corresponding to the information item, the input signal being wirelessly communicable in real-time to the base storage and control system to interact with the application program being executable at the base storage and control system, and

an arrangement for providing a continuously-displayed full screen display using the display output signal received in bursts to generate a portion of the full screen display corresponding to the display output signal.

2. (Previously presented) The wireless computer system of claim 1, wherein at least one of a radio frequency signal and an electromagnetic frequency signal is used as a communication signal by said wireless transceivers

3. (Original) The wireless computer system of claim 2, wherein:

the communication signal has a wavelength longer than an infrared signal wavelength, and

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the communication signal includes at least one of a modulated signal, an amplitude modulated signal, a frequency modulated signal, and a spread spectrum modulated signal.

4. (Original) The wireless computer system of claim 1, wherein the output display signal includes at least one of a video signal, a video synchronizing signal, a horizontal video synchronizing signal, a vertical video synchronizing signal, a composite video signal, a video and synchronizing signal, and an RGB signal.

5. (Original) The wireless computer system of claim 1, wherein the input signal is a keyboard signal.

6. (Original) The wireless computer system of claim 1, wherein:

the input signal is a keyboard signal and the output display signal includes at least one of a video signal, a video synchronizing signal, a horizontal video synchronizing signal, a vertical video synchronizing signal, a composite video signal, a video and synchronizing signal, and an RGB signal.

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7. (Original) The wireless computer system of claim 1, wherein at least the input signal is an asynchronous signal.

8. (Previously presented) The wireless computer system of claim 1, wherein said wireless transceivers each include:

an antenna;

an arrangement for demodulating a communicated signal corresponding to at least one of the input signal and the output display signal; and

an arrangement for modulating at least one of the input signal and the output display signal.

9. (Previously presented) The wireless computer system of claim 8, wherein said wireless transceivers each include a directional coupler, the directional coupler being coupled to the antenna.

10-16. (Cancelled)

17. (Previously presented) The wireless computer system of claim 1, wherein for an existing full screen display at the at least one portable input-output, the burst provides new graphics

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information for a changed portion of the existing full screen display.

18-20. (Cancelled)

21. (Previously presented) A wireless computer system comprising:

a) a base storage and control system including:

means for receiving and using an input signal in real-time, the input signal being for use in interacting with an application program being executable at the base storage and control system,

means for providing non-volatile storage of information,

means for providing a display output signal based on the input signal and execution of the application program, said output signal being produced in bursts, with delays between the bursts, during which delays, no information is transmitted, and

means for wirelessly receiving the input signal and for wirelessly communicating the display output signal;

b) at least one portable input-output system for use with the base storage and control system, the portable input-output system including:

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means for wirelessly communicating the input signal to the base storage and control system and for wirelessly receiving the display output signal from the base storage and control system,

means for inputting an information item and for generating the input signal corresponding to the information item, the input signal being wirelessly communicable to the base storage and control system to interact with the application program that is executable at the base storage and control system, and

means for providing a full screen display by directly using the display output signal to generate a portion of the full screen display corresponding to the display output signal.

22-23. (Cancelled)